



Office of Highway Safety Planning

2015

MTCF

Michigan Traffic
Crash Facts

Michigan Traffic Crash Facts

Reporting Criteria

Please pay particular attention to the wording when interpreting the three levels of data gathered for this report.

Crash

The Crash Level analyzes data related to crash events and returns one result per crash.

Examples: Time, weather, and location.

Units

The Units Level analyzes the experience of the units in the crash and returns one result per vehicle, driver, pedestrian, bicyclist, or train.

Examples: Vehicle type, driver condition, and unit events.

People

The People Level analyzes the experience of the people involved in the crash and returns one result per occupant/person/party.

Examples: Age, injury severity, and seat belt or helmet use.

KABCO Injury Indicator:

K = Killed

A = Incapacitating Injury

B = Non-incapacitating Injury

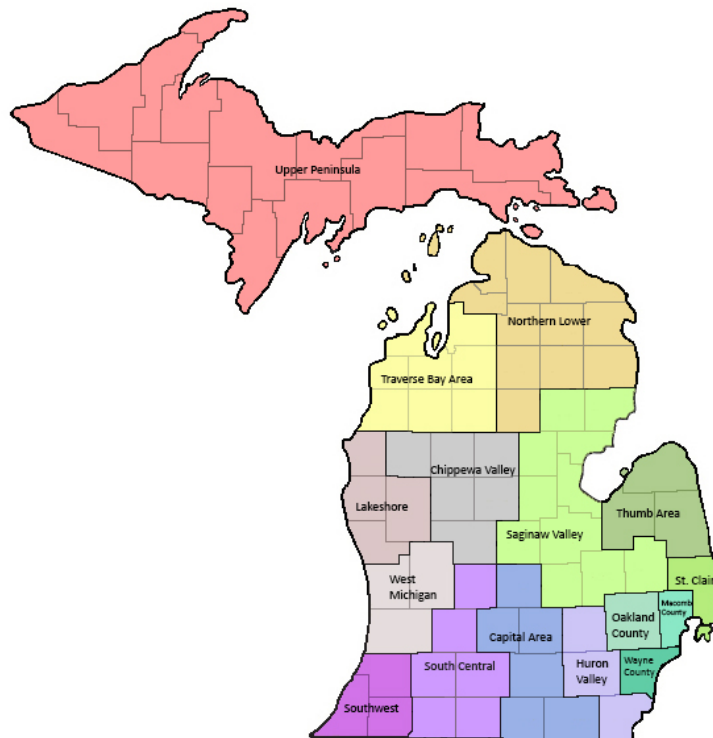
C = Possible Injury

O = No Injury

Property Damage Only (PDO)



Michigan Statewide TSN Summary



Sources:

The crashes in this report occurred on public roadways in Michigan and resulted in injuries, fatalities, or property damage (with \$1,000 as a reporting threshold). The information was gathered from Michigan Traffic Crash Report Forms (UD-10) submitted by local police departments, sheriff's offices, and the Michigan State Police. Other related information was obtained from the departments of Transportation, State, and Community Health.

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Statewide Experience

In 2015:

There were 510,074 drivers involved in 297,023 motor vehicle crashes in Michigan. Of those crashes, 893 were classified as fatal, resulting in 963 fatalities. An additional 74,157 persons were injured.

Michigan experienced the highest number of motor vehicle crashes (31,396) in January, the highest number of fatal crashes (111) and the highest number of persons killed (118) in July.

Michigan driver statistics indicate 6.6 percent of licensed drivers were age 16-20, and 11.1 percent of drivers in crashes were also in that age group.

2015 - Crashes and Injuries by Month

Month	Crashes				Persons	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	31,396	61	4,724	26,611	67	6,326
February	27,083	37	4,098	22,948	43	5,515
March	21,063	47	3,675	17,341	48	5,022
April	18,930	55	3,635	15,240	58	5,017
May	22,747	73	4,764	17,910	82	6,613
June	23,533	94	4,648	18,791	102	6,448
July	22,461	111	4,916	17,434	118	6,885
August	21,271	107	4,795	16,369	114	6,627
September	23,227	77	4,838	18,312	82	6,646
October	28,193	79	4,828	23,286	85	6,670
November	31,088	81	4,674	26,333	88	6,365
December	26,031	71	4,413	21,547	76	6,023
Total	297,023	893	54,008	242,122	963	74,157

2015 - Driver Statistics

Age Group	Statewide			Driver Rates	
	2015 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	1,938,950	52,553	811	4.2	154.3
16 - 20	675,253	474,427	56,544	837.4	1,191.8
21 - 24	580,519	480,600	50,685	873.1	1,054.6
25 - 64	5,157,183	4,760,526	307,565	596.4	646.1
65 +	1,570,671	1,390,210	48,615	309.5	349.7
Unknown	- -	- -	45,854	- -	- -
Total	9,922,576	7,158,316	510,074	514.1	712.6

2015 - Vehicles in Crashes

Vehicle Type	Motor Vehicles		Fatal Crashes		Injury Crashes	PDO Crashes
	Number of Vehicles	% of Total	Number	% of Total	Number	Number
Passenger car & station wagon	400,729	78.6	921	62.3	78,547	321,261
Van & motorhome	18,796	3.7	44	3.0	3,923	14,829
Pickup truck	56,743	11.1	208	14.1	9,908	46,627
Small truck under 10,000 lbs. GVWR	6,254	1.2	14	0.9	1,198	5,042
Cycle	3,096	0.6	140	9.5	2,210	746
Moped	445	0.1	3	0.2	344	98
Go Cart	29	0.0	0	0.0	18	11
Snowmobile	133	0.0	2	0.1	85	46
Off-Road Vehicle (ORV) & All-Terrain Vehicle (ATV)	292	0.1	12	0.8	231	49
Other	2,040	0.4	10	0.7	324	1,706
Truck/bus over 10,000 lbs.	12,486	2.4	112	7.6	2,191	10,183
Unknown	9,031	1.8	13	0.9	838	8,180
Total	510,074	100.0	1,479	100.0	99,817	408,778

Michigan Statewide (continued)

5-Year Trend - Crashes by Month

Month	2011		2012		2013		2014		2015	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	29,240	64	27,951	52	27,420	66	38,199	39	31,396	61
February	25,755	45	22,753	63	25,779	50	27,420	59	27,083	37
March	21,149	63	19,212	77	20,714	53	24,216	45	21,063	47
April	18,273	52	17,856	57	19,245	47	17,894	67	18,930	55
May	20,753	64	21,691	71	22,206	73	21,278	71	22,747	73
June	22,651	64	21,847	92	21,745	72	22,054	88	23,533	94
July	20,757	79	20,335	92	20,875	99	19,891	90	22,461	111
August	19,658	95	19,869	83	20,353	94	20,424	78	21,271	107
September	22,610	76	20,724	78	21,850	98	22,016	81	23,227	77
October	26,685	88	27,207	79	27,165	85	27,821	67	28,193	79
November	29,729	68	26,571	63	30,460	88	34,134	59	31,088	81
December	26,789	76	27,875	63	31,249	56	23,352	62	26,031	71
Total	284,049	834	273,891	870	289,061	881	298,699	806	297,023	893

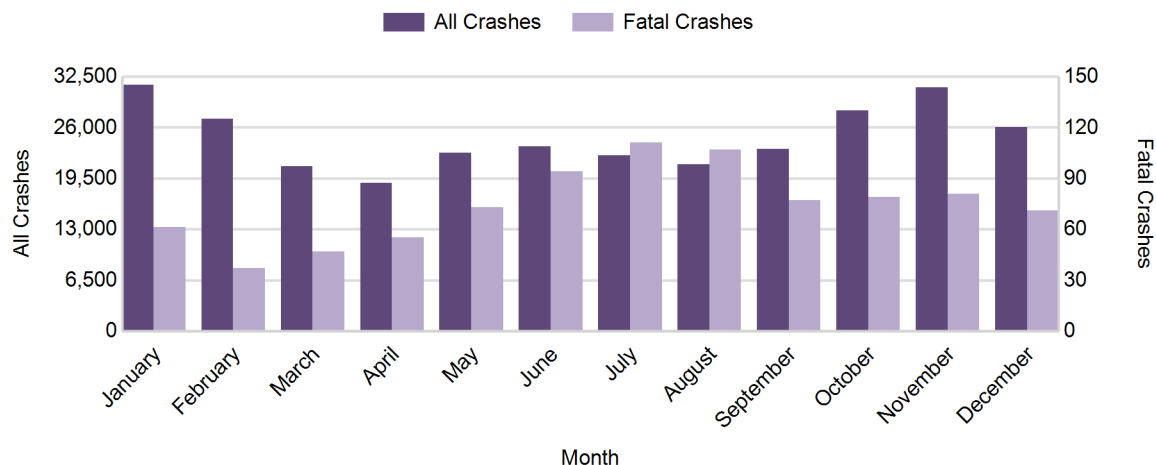
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

5-Year Trend - Crashes by Day of Week

Day	2011		2012		2013		2014		2015	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	40,480	94	39,104	111	42,567	111	41,813	101	43,061	104
Tuesday	42,776	118	38,886	113	43,699	102	45,135	101	44,588	104
Wednesday	42,395	105	39,616	90	43,870	113	48,131	96	46,205	129
Thursday	42,721	114	40,914	96	44,778	115	48,198	105	44,601	113
Friday	47,210 †	115	49,394 †	154	46,473 †	147	49,347 †	111	48,160 †	149
Saturday	38,907	169	36,414	152	38,234	166	36,385	162	39,739	159
Sunday	29,560	119	29,563	154	29,440	127	29,690	130	30,669	135
Total	284,049	834	273,891	870	289,061	881	298,699	806	297,023	893

Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

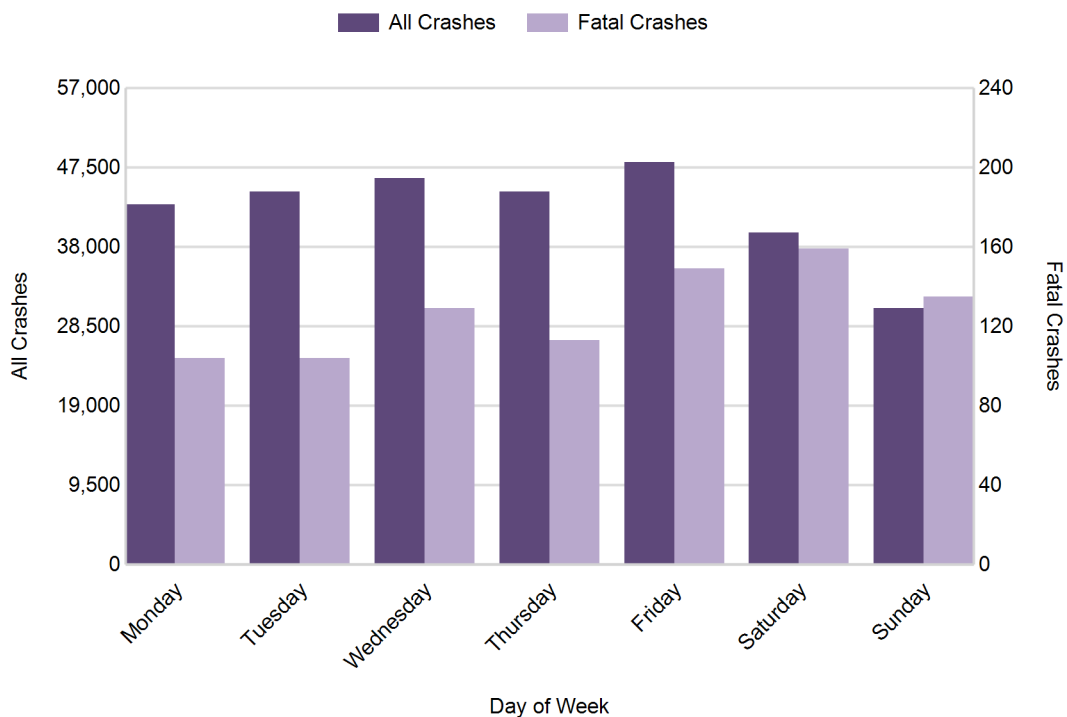
2015 Crashes by Month



2015 - Crashes by Day of Week

Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Monday	43,061	14.5	104	11.6	502	1,896	5,244	35,315
Tuesday	44,588	15.0	104	11.6	497	1,786	5,652	36,549
Wednesday	46,205	15.6	129	14.4	521	1,950	5,778	37,827
Thursday	44,601	15.0	113	12.7	548	1,962	5,560	36,418
Friday	48,160	16.2	149	16.7	628	2,091	6,041	39,251
Saturday	39,739	13.4	159	17.8	699	1,953	4,828	32,100
Sunday	30,669	10.3	135	15.1	544	1,694	3,634	24,662
Total	297,023	100.0	893	100.0	3,939	13,332	36,737	242,122

2015 Day of Week and Severity

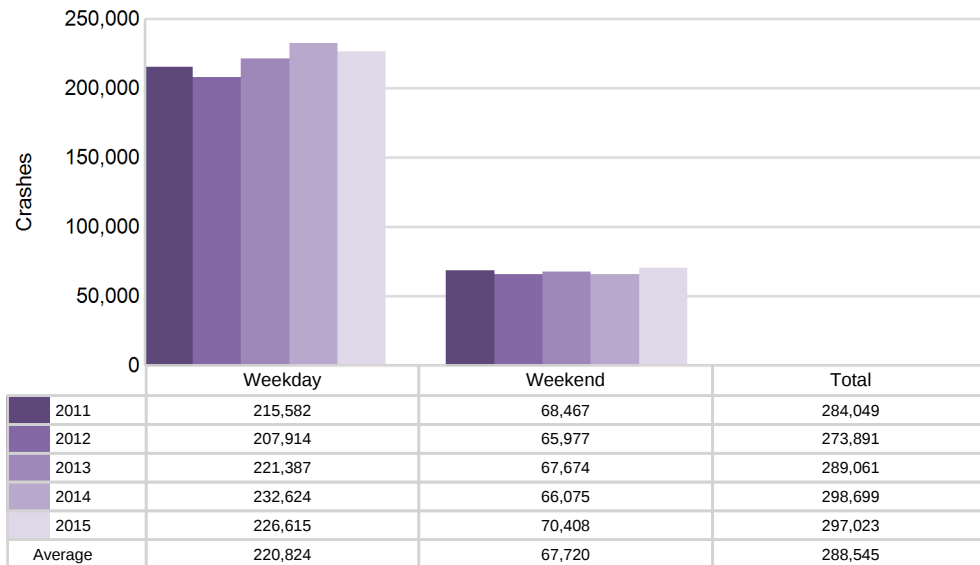


Michigan Statewide (continued)

5-Year Trend - Crashes by Weekday and Weekend

Portion of Week	2011		2012		2013		2014		2015	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	215,582	546	207,914	564	221,387	588	232,624	514	226,615	599
Weekend	68,467	288	65,977	306	67,674	293	66,075	292	70,408	294
Total	284,049	834	273,891	870	289,061	881	298,699	806	297,023	893

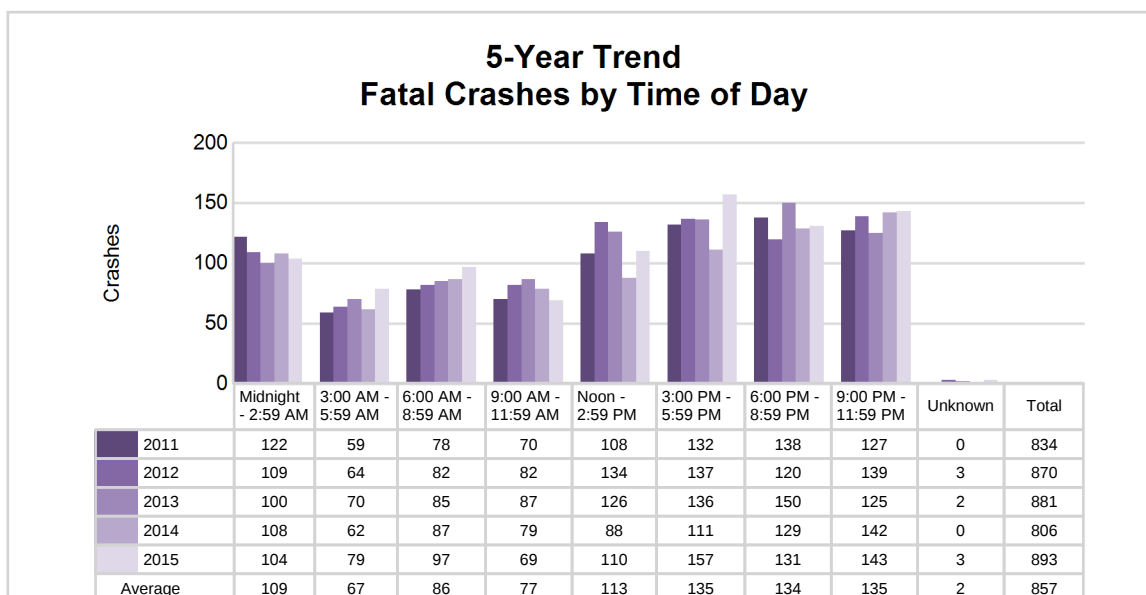
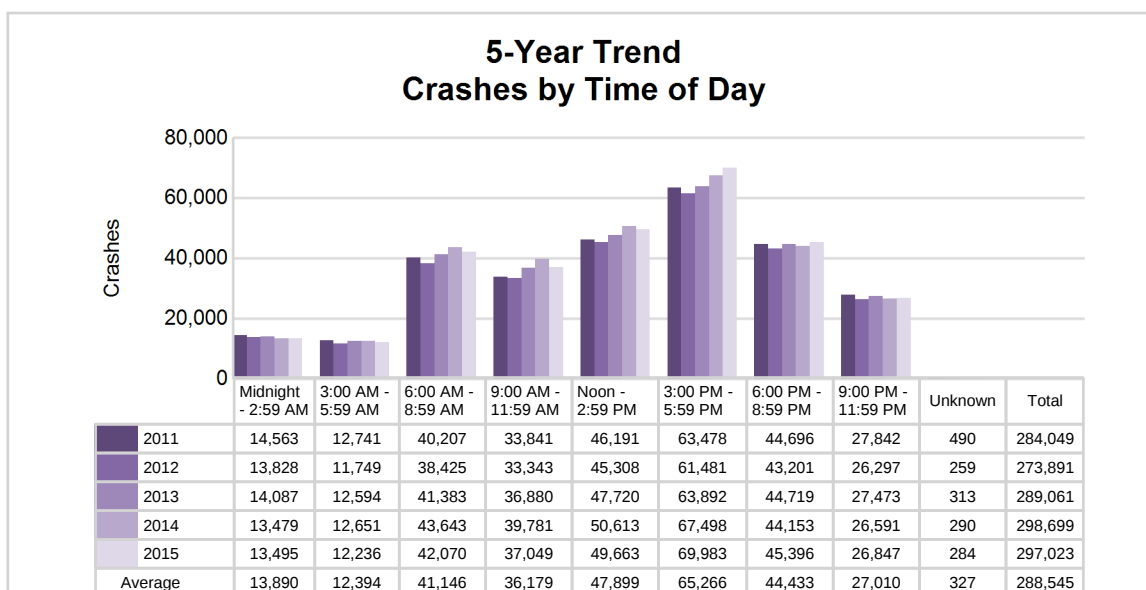
5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



5-Year Trend - Crashes by Time of Day

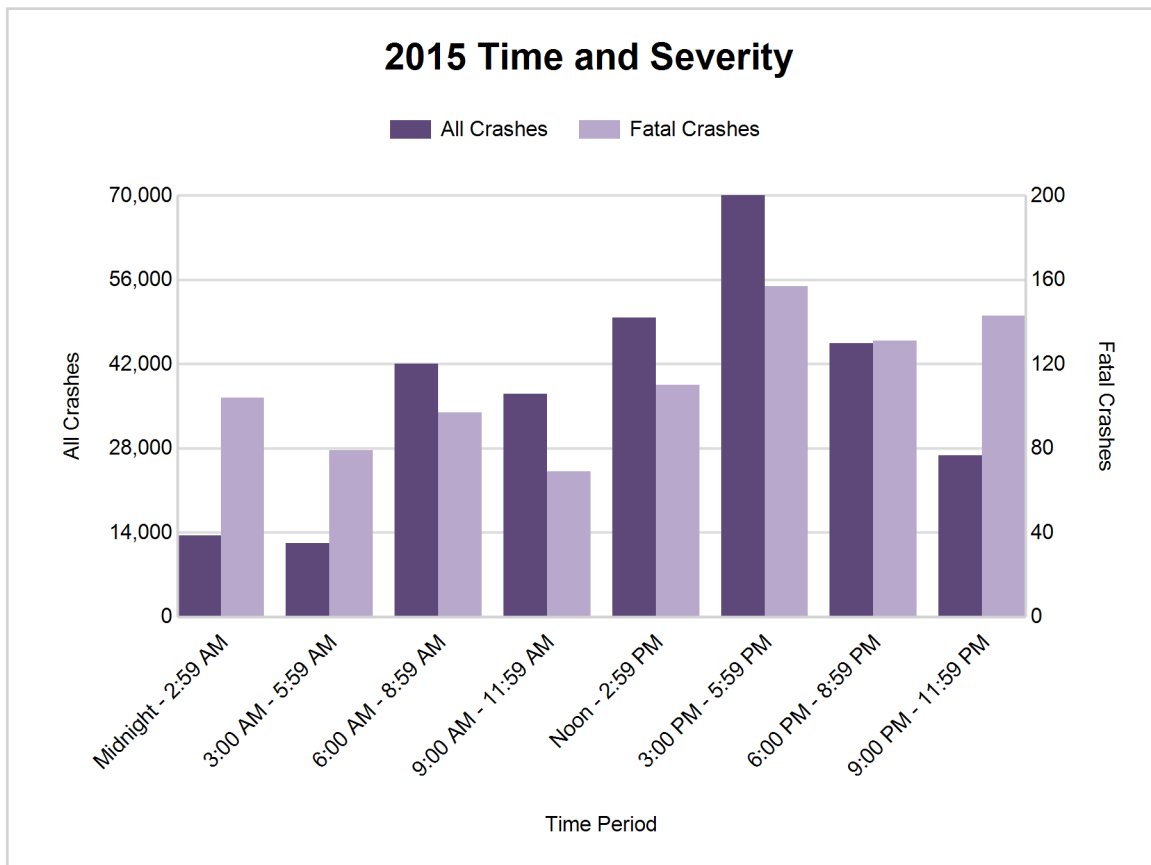
Time of Day	2011		2012		2013		2014		2015	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	14,563	122	13,828	109	14,087	100	13,479	108	13,495	104
3:00 AM - 5:59 AM	12,741	59	11,749	64	12,594	70	12,651	62	12,236	79
6:00 AM - 8:59 AM	40,207	78	38,425	82	41,383	85	43,643	87	42,070	97
9:00 AM - 11:59 AM	33,841	70	33,343	82	36,880	87	39,781	79	37,049	69
Noon - 2:59 PM	46,191	108	45,308	134	47,720	126	50,613	88	49,663	110
3:00 PM - 5:59 PM	63,478 †	132	61,481 †	137	63,892 †	136	67,498 †	111	69,983 †	157
6:00 PM - 8:59 PM	44,696	138	43,201	120	44,719	150	44,153	129	45,396	131
9:00 PM - 11:59 PM	27,842	127	26,297	139	27,473	125	26,591	142	26,847	143
Unknown	490	0	259	3	313	2	290	0	284	3
Total	284,049	834	273,891	870	289,061	881	298,699	806	297,023	893

Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same time period



2015 - Time and Severity

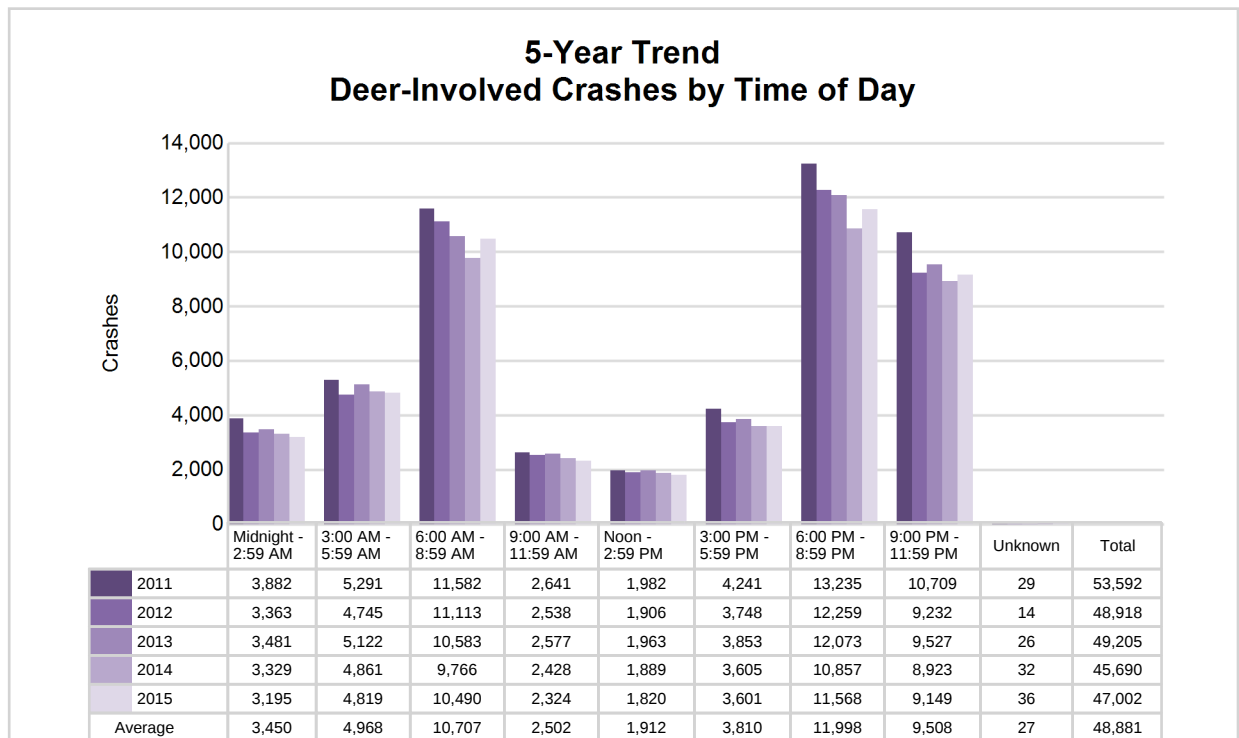
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight - 2:59 AM	13,495	4.5	104	11.6	319	838	1,515	10,719
3:00 AM - 5:59 AM	12,236	4.1	79	8.8	198	570	1,013	10,376
6:00 AM - 8:59 AM	42,070	14.2	97	10.9	364	1,476	4,327	35,806
9:00 AM - 11:59 AM	37,049	12.5	69	7.7	470	1,642	4,936	29,932
Noon - 2:59 PM	49,663	16.7	110	12.3	678	2,396	7,150	39,329
3:00 PM - 5:59 PM	69,983	23.6	157	17.6	832	3,149	9,822	56,023
6:00 PM - 8:59 PM	45,396	15.3	131	14.7	637	2,028	5,206	37,394
9:00 PM - 11:59 PM	26,847	9.0	143	16.0	440	1,228	2,760	22,276
Unknown	284	0.1	3	0.3	1	5	8	267
Total	297,023	100.0	893	100.0	3,939	13,332	36,737	242,122

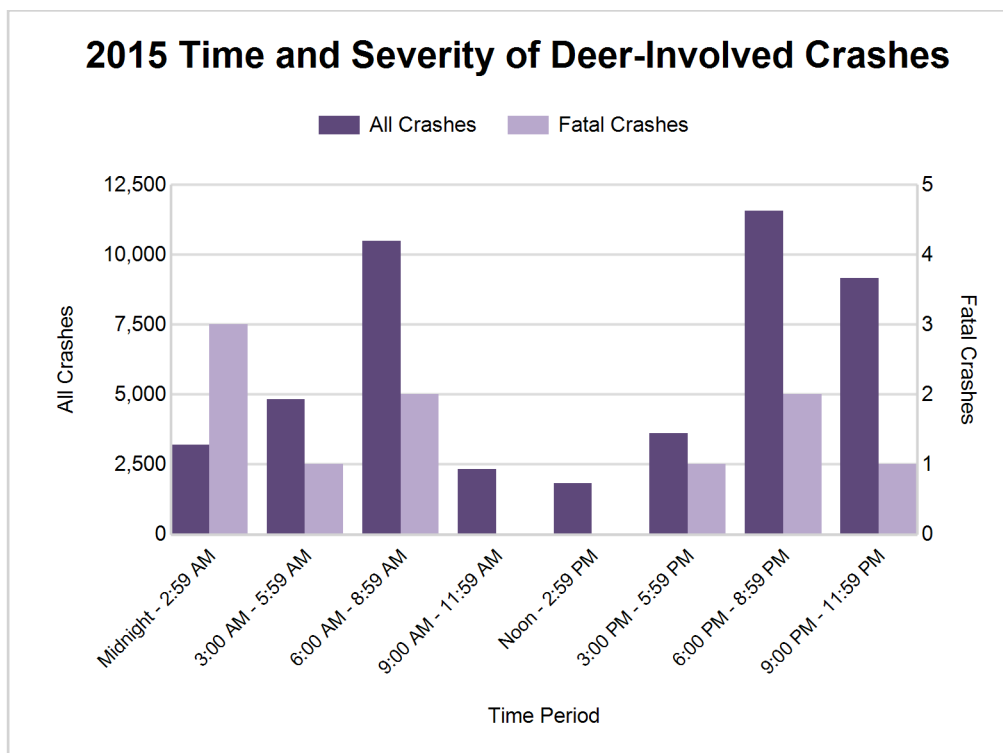


5-Year Trend - Deer-Involved Crashes by Time of Day

Time of Day	2011		2012		2013		2014		2015	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	3,882	1	3,363	1	3,481	1	3,329	1	3,195	3
3:00 AM - 5:59 AM	5,291	3	4,745	0	5,122	1	4,861	0	4,819	1
6:00 AM - 8:59 AM	11,582	0	11,113	0	10,583	1	9,766	0	10,490	2
9:00 AM - 11:59 AM	2,641	0	2,538	1	2,577	0	2,428	0	2,324	0
Noon - 2:59 PM	1,982	0	1,906	1	1,963	0	1,889	1	1,820	0
3:00 PM - 5:59 PM	4,241	0	3,748	2	3,853	1	3,605	1	3,601	1
6:00 PM - 8:59 PM	13,235 †	2	12,259 †	1	12,073 †	5	10,857 †	1	11,568 †	2
9:00 PM - 11:59 PM	10,709	2	9,232	2	9,527	3	8,923	2	9,149	1
Unknown	29	0	14	0	26	0	32	0	36	0
Total	53,592	8	48,918	8	49,205	12	45,690	6	47,002	10

Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same time period





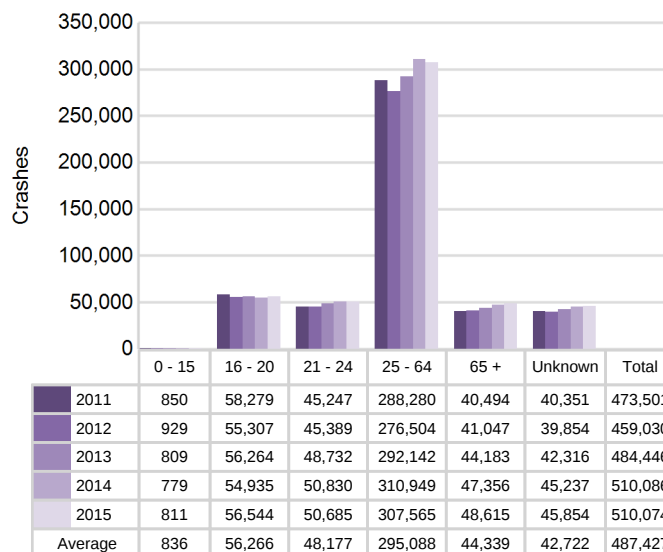
2015 - Reported Motor Vehicle Crashes by TSN

TSN	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
TSN 1 - Capital Area	23,724	58	3,882	19,784	3,795	1,876	5,117	12,936	694	129	5,906	64	5,220
TSN 2 - Chippewa Valley	8,718	34	1,106	7,578	0	1,731	2,102	4,885	291	57	3,953	37	1,573
TSN 3 - Huron Valley	19,670	51	3,349	16,270	3,301	3,176	2,070	11,123	673	201	2,184	52	4,548
TSN 4 - Lakeshore	8,047	29	1,278	6,740	85	1,779	1,136	5,047	272	58	2,261	32	1,785
TSN 5 - Macomb County	24,862	55	5,339	19,468	2,587	0	6,633	15,642	749	248	630	59	7,384
TSN 6 - Northern Lower	7,912	19	1,026	6,867	645	1,313	1,872	4,082	239	49	3,591	21	1,391
TSN 7 - Oakland County	39,843	64	7,708	32,071	6,692	2,253	6,569	24,329	1,087	252	1,873	67	10,406
TSN 8 - Saginaw Valley	29,980	109	5,473	24,398	3,294	1,566	7,096	18,024	1,002	243	7,425	118	7,669
TSN 9 - South Central	19,109	66	3,042	16,001	2,961	1,258	4,157	10,733	657	120	4,289	76	4,098
TSN 10 - Southwest	8,489	46	1,431	7,012	1,765	540	1,820	4,364	360	79	1,892	51	2,007
TSN 11 - St. Clair	3,877	18	693	3,166	683	0	729	2,465	141	33	784	18	970
TSN 12 - Thumb Area	4,492	15	541	3,936	0	0	1,802	2,690	138	30	2,742	15	762
TSN 13 - Traverse Bay Area	8,523	37	1,143	7,343	0	2,058	1,809	4,656	268	57	2,985	40	1,609
TSN 14 - Upper Peninsula	8,099	25	1,187	6,887	328	2,431	1,798	3,542	304	76	2,751	25	1,603
TSN 15 - Wayne County	50,458	174	11,225	39,059	8,490	3,174	9,005	29,789	1,428	435	400	191	15,713
TSN 16 - West Michigan	31,220	93	5,585	25,542	3,410	3,512	5,562	18,736	1,234	160	3,336	97	7,419
Total	297,023	893	54,008	242,122	38,036	26,667	59,277	173,043	9,537	2,227	47,002	963	74,157

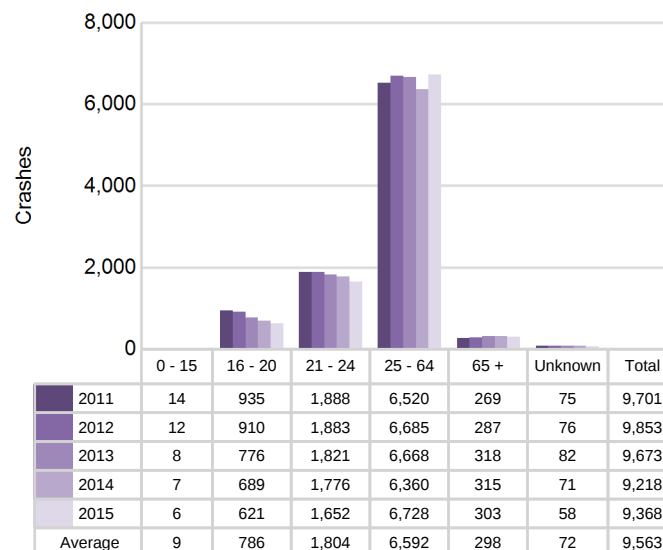
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

Driver Age	2011		2012		2013		2014		2015	
	Total Drivers in Crashes	Total Drivers Coded Drinking	Total Drivers in Crashes	Total Drivers Coded Drinking	Total Drivers in Crashes	Total Drivers Coded Drinking	Total Drivers in Crashes	Total Drivers Coded Drinking	Total Drivers in Crashes	Total Drivers Coded Drinking
0 - 15	850	14	929	12	809	8	779	7	811	6
16 - 20	58,279	935	55,307	910	56,264	776	54,935	689	56,544	621
21 - 24	45,247	1,888	45,389	1,883	48,732	1,821	50,830	1,776	50,685	1,652
25 - 64	288,280	6,520	276,504	6,685	292,142	6,668	310,949	6,360	307,565	6,728
65 +	40,494	269	41,047	287	44,183	318	47,356	315	48,615	303
Unknown	40,351	75	39,854	76	42,316	82	45,237	71	45,854	58
Total	473,501	9,701	459,030	9,853	484,446	9,673	510,086	9,218	510,074	9,368

**5-Year Trend
Total Drivers in Crashes by Age**



**5-Year Trend
Total Drivers Coded Drinking by Age**



2015 - Bodily Alcohol Concentration (BAC) Results Among All Vehicle Drivers in Alcohol-Involved Crashes by Age

Age Group	Drivers				BAC Result Range for Drivers Coded Drinking				
	Total Drivers in Alcohol-Involved Crashes	Total Drivers Tested in all Crashes	Total Drivers Coded Drinking, Tested	Total Drivers Coded Drinking	BAC = 0.00	BAC 0.01 g/dL to 0.07 g/dL	BAC 0.08 g/dL to 0.16 g/dL	BAC 0.17 g/dL and Above	BAC Not Reported
0 - 15	14	5	3	6	0	3	0	0	3
16 - 20	990	890	517	621	17	88	201	99	216
21 - 24	2,041	1,760	1,411	1,652	20	170	528	422	512
25 - 64	9,378	7,490	5,607	6,727	100	488	1,614	2,062	2,464
65 +	571	516	257	303	8	33	79	77	106
Unknown	1,289	30	0	58	0	0	0	0	58
Total	14,283	10,691	7,795	9,367	145	782	2,422	2,660	3,359

Notes: BAC measured in grams (g) per deciliter (dL).

BAC may not be reported if drivers are not tested or if the results are not available immediately (as in the case of a blood test).

A driver may be coded by the officer as drinking even though no test is administered.

Alcohol-Involved Crashes

In 2015, there were 14,283 drivers in alcohol-involved crashes; 9,367 (65.6%) of those drivers were coded as had-been-drinking by the officer on the crash form.

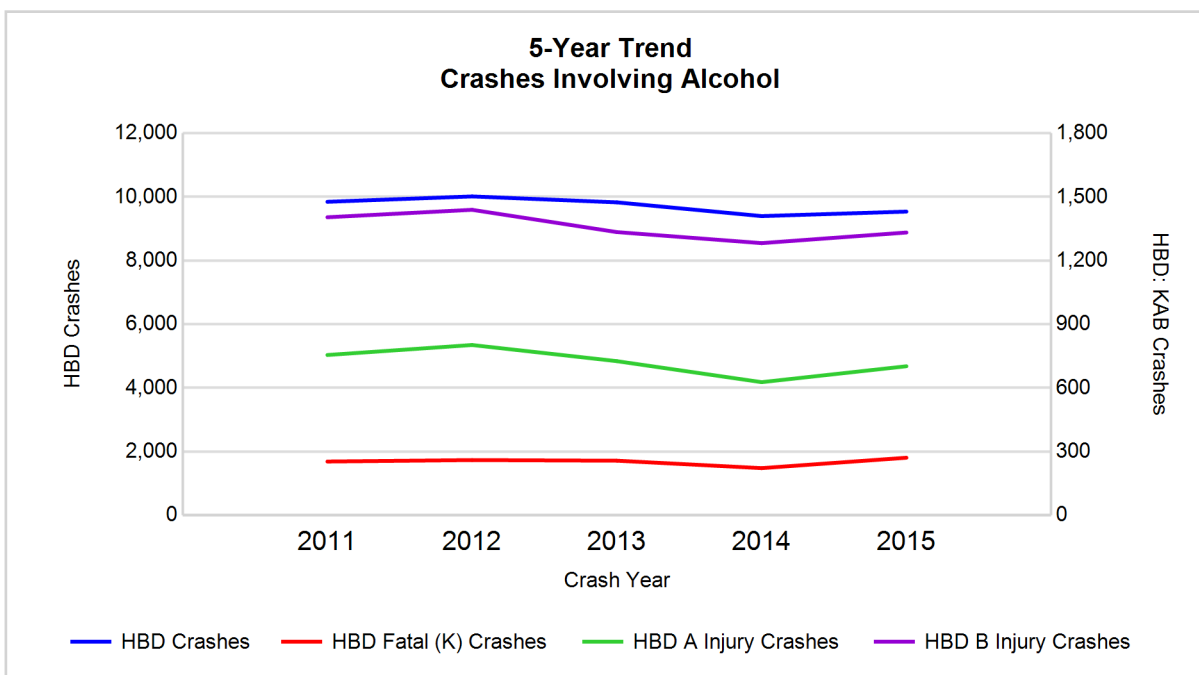
- 5,082 (54.3%) of the 9,367 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 2,660 (52.3%) of the 5,082 drivers had a BAC at or above 0.17 g/dL.
- 7,795 (83.2%) of the 9,367 drivers were coded as had-been-drinking and were tested for alcohol consumption.

5-Year Trend - Crashes Involving Alcohol

Year	All Crashes	HBD Crashes	% HBD	Fatal Crashes	HBD Fatal Crashes	% HBD	A Injury Crashes	HBD A Injury Crashes	% HBD	B Injury Crashes	HBD B Injury Crashes	% HBD
2011	284,049	9,845	3.5	834	253	30.3	4,606	755	16.4	13,281	1,404	10.6
2012	273,891	10,014	3.7	870	260	29.9	4,540	802	17.7	13,199	1,439	10.9
2013	289,061	9,828	3.4	881	257	29.2	4,311	726	16.8	13,163	1,334	10.1
2014	298,699	9,396	3.1	806	222	27.5	4,045	627	15.5	12,910	1,282	9.9
2015	297,023	9,537	3.2	893**	271**	30.3	3,939*	702	17.8**	13,332**	1,332	10.0

Note: * Indicates that the most recent year is the lowest number or percentage reported in the 5-year period in that column

** Indicates that the most recent year is the highest number or percentage reported in the 5-year period in that column

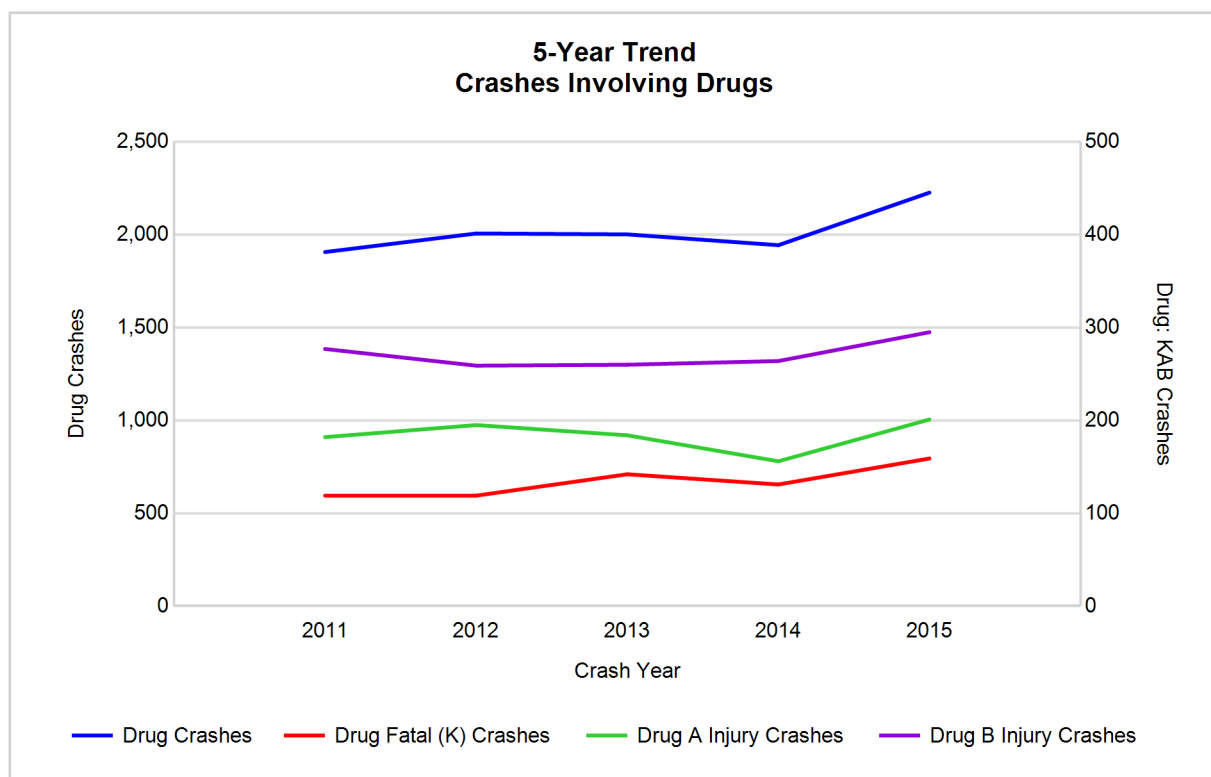


Note: Had-Been-Drinking (HBD)

5-Year Trend - Crashes Involving Drugs

Year	All Crashes	Drug Crashes	% Drug	Fatal Crashes	Drug Fatal Crashes	% Drug	A Injury Crashes	Drug A Injury Crashes	% Drug	B Injury Crashes	Drug B Injury Crashes	% Drug
2011	284,049	1,907	0.7	834	119	14.3	4,606	182	4.0	13,281	277	2.1
2012	273,891	2,007	0.7	870	119	13.7	4,540	195	4.3	13,199	259	2.0
2013	289,061	2,002	0.7	881	142	16.1	4,311	184	4.3	13,163	260	2.0
2014	298,699	1,944	0.7	806	131	16.3	4,045	156	3.9	12,910	264	2.0
2015	297,023	2,227**	0.7	893**	159**	17.8**	3,939*	201**	5.1**	13,332**	295**	2.2**

Note: * Indicates that the most recent year is the lowest number or percentage reported in the 5-year period in that column
 ** Indicates that the most recent year is the highest number or percentage reported in the 5-year period in that column

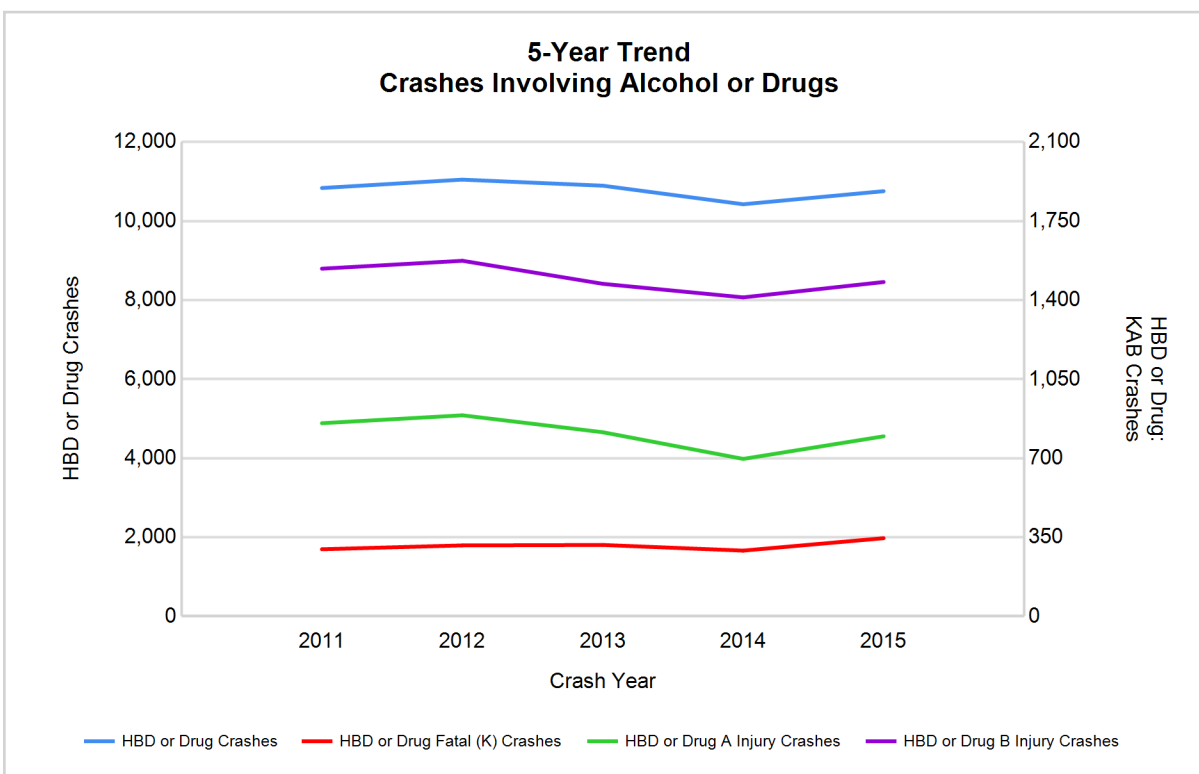


5-Year Trend - Crashes Involving Alcohol or Drugs

Year	All Crashes	HBD or Drug Crashes	% HBD or Drug	Fatal Crashes	HBD or Drug Fatal Crashes	% HBD or Drug	A Injury Crashes	HBD or Drug A Injury Crashes	% HBD or Drug	B Injury Crashes	HBD or Drug B Injury Crashes	% HBD or Drug
2011	284,049	10,835	3.8	834	297	35.6	4,606	855	18.6	13,281	1,539	11.6
2012	273,891	11,047	4.0	870	314	36.1	4,540	890	19.6	13,199	1,574	11.9
2013	289,061	10,894	3.8	881	316	35.9	4,311	815	18.9	13,163	1,472	11.2
2014	298,699	10,424	3.5	806	291	36.1	4,045	697	17.2	12,910	1,412	10.9
2015	297,023	10,755	3.6	893**	346**	38.7**	3,939*	797	20.2**	13,332**	1,480	11.1

Note: * Indicates that the most recent year is the lowest number or percentage reported in the 5-year period in that column

** Indicates that the most recent year is the highest number or percentage reported in the 5-year period in that column



Note: Had-Been-Drinking (HBD)

2015 - Restraints Worn Among Vehicle Drivers and Injured Passengers by Vehicle Type

Vehicle Type	Total Occupants			Fatalities			A - Incapacitating			B - Non-incapacitating			C - Possible Injury			No Injury		
	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%
Passenger car & station wagon	416,013	368,860	88.7	483	268	55.5	2,945	2,172	73.8	11,923	10,571	88.7	42,616	39,838	93.5	331,392	315,739	95.3
Van & motorhome	19,785	17,479	88.3	16	8	50.0	141	102	72.3	531	460	86.6	2,092	1,889	90.3	15,759	15,009	95.2
Pickup truck	58,188	51,587	88.7	84	37	44.0	444	294	66.2	1,426	1,207	84.6	3,775	3,492	92.5	48,604	46,515	95.7
Small truck under 10,000 lbs. GVWR	6,482	5,656	87.3	5	0	0.0	42	20	47.6	179	156	87.2	546	509	93.2	5,239	4,964	94.8
Cycle	3,321	2,168	65.3	138	74	53.6	517	311	60.2	1,045	706	67.6	785	552	70.3	767	521	67.9
Moped	457	133	29.1	3	0	0.0	70	22	31.4	154	39	25.3	121	41	33.9	95	31	32.6
Go Cart	39	10	25.6	0	0	0.0	2	0	0.0	13	0	0.0	9	4	44.4	13	6	46.2
Snowmobile	138	110	79.7	2	2	100.0	26	23	88.5	25	21	84.0	28	23	82.1	48	41	85.4
Off-Road Vehicle (ORV) & All-Terrain Vehicle (ATV)	350	135	38.6	12	2	16.7	66	31	47.0	120	41	34.2	80	35	43.8	64	26	40.6
Other	2,095	1,248	59.6	6	1	16.7	25	8	32.0	64	25	39.1	98	55	56.1	1,538	1,158	75.3
Truck/bus over 10,000 lbs.	12,757	11,492	90.1	11	4	36.4	54	29	53.7	156	106	67.9	504	311	61.7	11,557	11,040	95.5
Unknown	9,043	209	2.3	0	0	0.0	1	0	0.0	4	3	75.0	10	6	60.0	508	149	29.3
Total	528,668	459,087	86.8	760	396	52.1	4,333	3,012	69.5	15,640	13,335	85.3	50,664	46,755	92.3	415,584	395,199	95.1

Note: Restraint Use includes shoulder belt only used, lap belt only used, both lap and shoulder belts used, child restraint used, restraint failure, and helmet worn.

2015 - Restraints Worn Among Vehicle Drivers and Injured Passengers by Age

Age Group	Total Occupants			Fatalities			A - Incapacitating			B - Non-incapacitating			C - Possible Injury			No Injury		
	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%
0 - 15	5,446	4,609	84.6	24	13	54.2	223	144	64.6	1,058	846	80.0	3,487	3,078	88.3	633	523	82.6
16 - 20	59,545	56,651	95.1	87	46	52.9	551	376	68.2	2,444	2,058	84.2	6,257	5,689	90.9	50,117	48,465	96.7
21 - 24	52,435	49,290	94.0	80	39	48.8	465	290	62.4	1,824	1,510	82.8	5,052	4,549	90.0	44,912	42,890	95.5
25 - 64	314,931	298,764	94.9	416	194	46.6	2,599	1,789	68.8	8,606	7,344	85.3	30,304	28,146	92.9	272,321	261,214	95.9
65 +	50,417	48,526	96.2	153	104	68.0	489	413	84.5	1,687	1,574	93.3	5,477	5,271	96.2	42,542	41,157	96.7
Unknown	45,894	1,247	2.7	0	0	0.0	6	0	0.0	21	3	14.3	87	22	25.3	5,059	950	18.8
Total	528,668	459,087	86.8	760	396	52.1	4,333	3,012	69.5	15,640	13,335	85.3	50,664	46,755	92.3	415,584	395,199	95.1

Note: Restraint Use includes shoulder belt only used, lap belt only used, both lap and shoulder belts used, child restraint used, restraint failure, and helmet worn.

5-Year Trend - Restraint Use Among Drivers

Restraint Use	2011			2012			2013			2014			2015		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No belts available	2,499	2	389	2,484	8	404	1,979	8	303	1,974	8	263	1,936	10	275
Shoulder belt only used	629	2	75	579	1	92	851	3	91	964	1	101	925	0	100
Lap belt only used	1,088	1	114	1,017	3	137	1,280	2	133	1,657	3	178	1,737	6	173
Both lap & shoulder belts used	409,026	243	44,247	395,307	250	42,857	418,752	248	43,824	439,913	229	44,467	438,392	234	45,769
No belts used	3,416	143	1,371	3,507	166	1,356	3,277	142	1,225	3,321	133	1,157	3,402	142	1,195
Child restraint used	26	0	2	27	0	2	18	0	1	10	0	1	16	0	1
Child restraint not used, unavailable or improper use	60	0	5	29	0	2	17	0	1	22	0	1	16	0	3
Restraint failure	104	1	15	135	0	23	116	0	17	152	1	20	153	1	14
Restraint use unknown	28,003	44	1,738	28,464	57	1,619	29,298	65	1,631	31,315	52	1,722	31,010	54	2,017
Helmet worn	3,209	104	2,355	2,970	68	2,190	2,637	71	1,861	2,418	56	1,707	2,395	73	1,679
Helmet not worn	329	13	252	1,126	60	857	1,124	70	829	1,085	47	812	1,249	63	904
Helmet use unknown	120	7	47	208	7	96	207	8	90	261	10	116	293	10	128
Uncoded & errors	24,992	1	162	23,177	0	57	24,890	0	44	26,994	0	58	28,550	0	43
Total	473,501	561	50,772	459,030	620	49,692	484,446	617	50,050	510,086	540	50,603	510,074	593	52,301

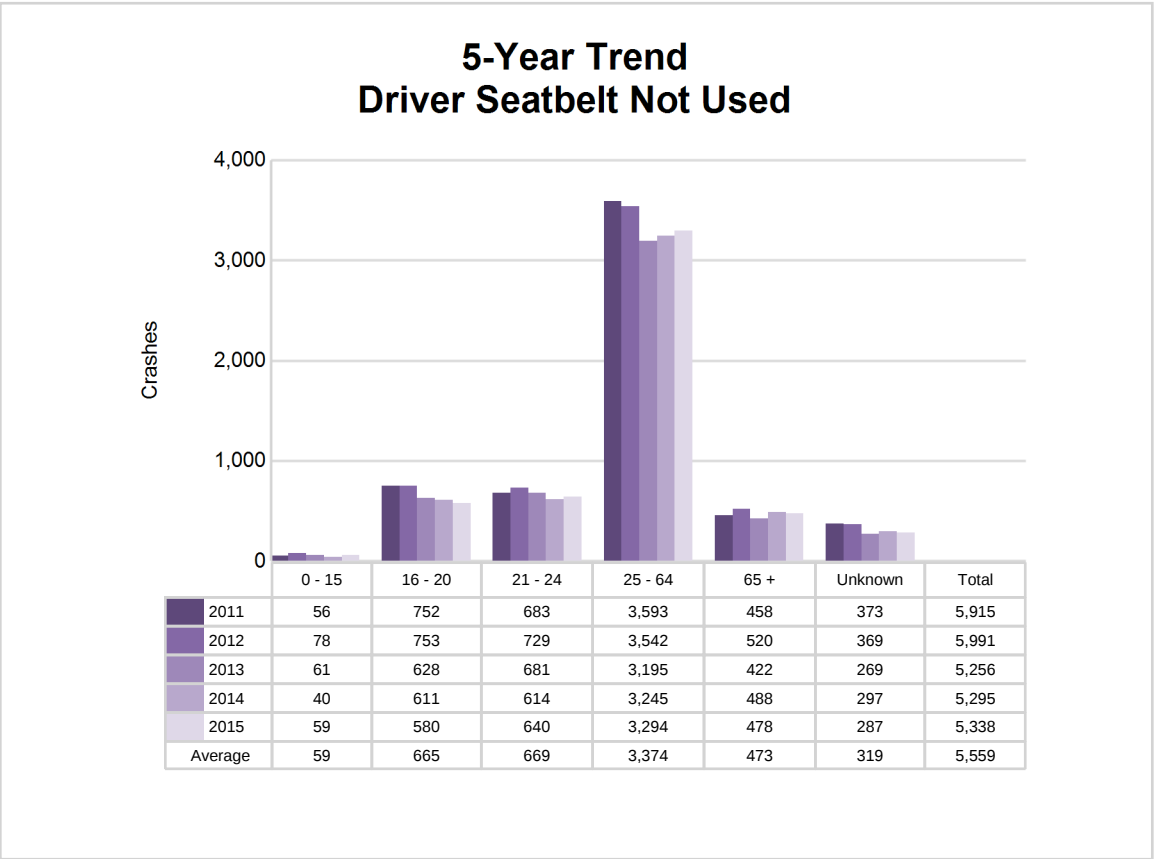
5-Year Trend - Restraint Use Among Drivers Coded Drinking

Restraint Use	2011			2012			2013			2014			2015		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No belts available	80	0	38	70	2	27	66	1	34	61	1	16	55	3	25
Shoulder belt only used	19	0	7	24	0	10	36	0	11	20	1	7	25	0	6
Lap belt only used	23	1	11	23	1	13	20	0	6	34	0	11	41	4	13
Both lap & shoulder belts used	6,899	44	1,740	7,003	43	1,794	7,110	43	1,809	6,795	35	1,632	6,897	37	1,723
No belts used	682	59	409	748	65	443	592	60	342	563	44	355	580	55	345
Child restraint used	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Child restraint not used, unavailable or improper use	1	0	0	1	0	1	1	0	1	3	0	0	0	0	0
Restraint failure	3	0	1	8	0	4	7	0	3	13	0	2	11	0	1
Restraint use unknown	1,651	13	438	1,572	16	444	1,512	14	410	1,418	15	373	1,434	15	412
Helmet worn	197	29	138	170	17	133	113	12	80	103	12	73	107	14	81
Helmet not worn	78	6	71	157	19	125	168	29	121	156	14	127	174	30	124
Helmet use unknown	12	1	8	20	2	15	12	0	9	18	2	12	18	2	13
Uncoded & errors	55	0	11	57	0	3	36	0	1	34	0	2	26	0	2
Total	9,701	153	2,873	9,853	165	3,012	9,673	159	2,827	9,218	124	2,610	9,368	160	2,745

5-Year Trend - Seatbelt Not Used Among Drivers by Age

Age Group	2011			2012			2013			2014			2015		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
0 - 15	56	0	22	78	2	17	61	0	14	40	1	8	59	1	20
16 - 20	752	16	297	753	19	272	628	11	228	611	18	198	580	13	194
21 - 24	683	18	254	729	25	299	681	15	252	614	18	203	640	15	214
25 - 64	3,593	92	1,051	3,542	95	1,028	3,195	99	917	3,245	80	883	3,294	95	915
65 +	458	19	133	520	33	129	422	25	107	488	24	114	478	28	117
Unknown	373	0	3	369	0	15	269	0	10	297	0	14	287	0	10
Total	5,915	145	1,760	5,991	174	1,760	5,256	150	1,528	5,295	141	1,420	5,338	152	1,470

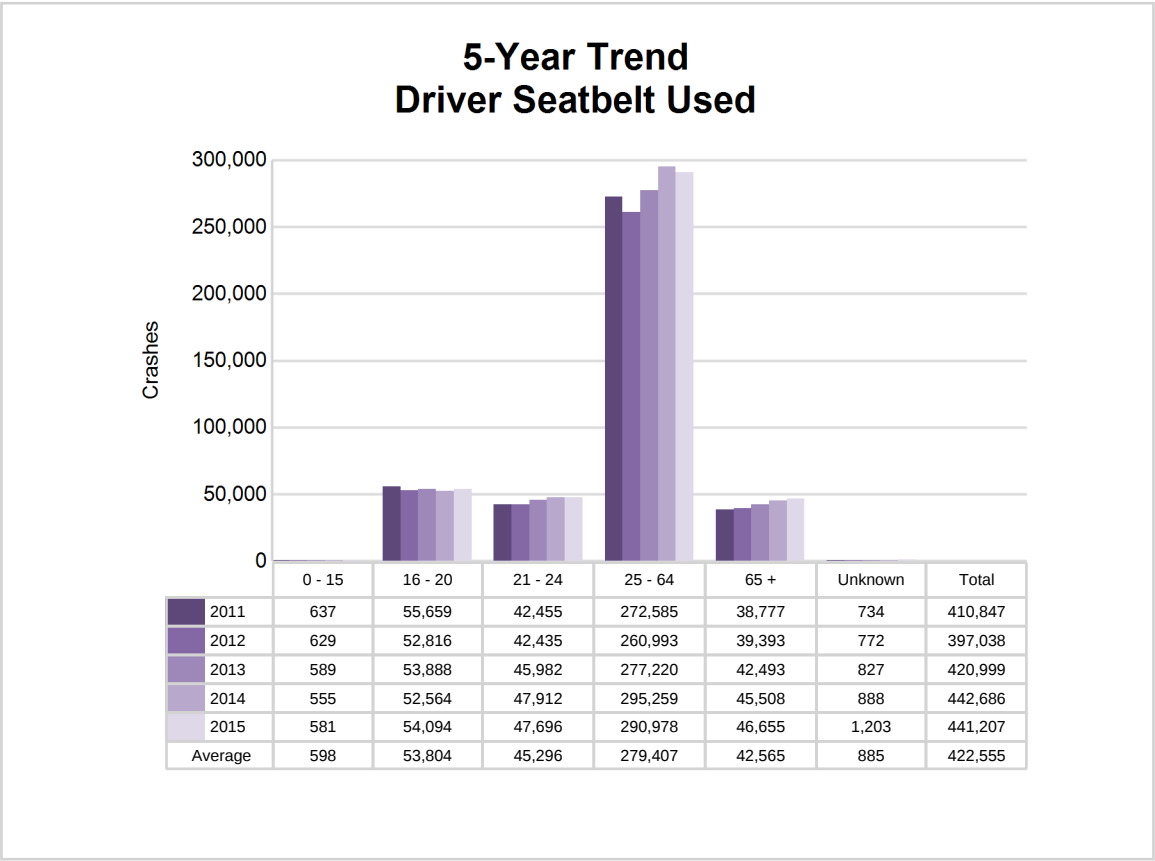
Note: Seatbelt Not Used includes no belts available or no belts used.

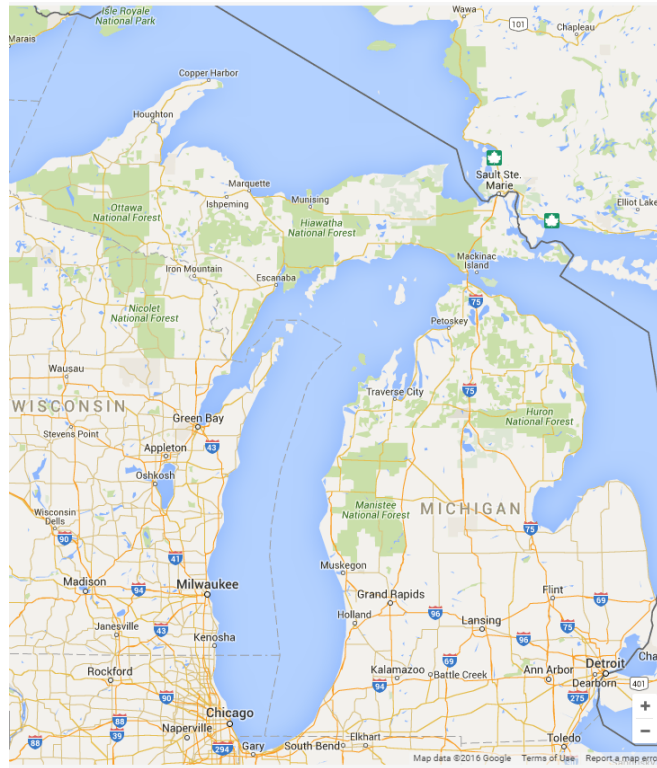


5-Year Trend - Seatbelt Used Among Drivers by Age

Age Group	2011			2012			2013			2014			2015		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
0 - 15	637	0	65	629	0	62	589	1	56	555	1	55	581	0	69
16 - 20	55,659	31	5,904	52,816	25	5,658	53,888	28	5,562	52,564	18	5,166	54,094	32	5,632
21 - 24	42,455	25	4,560	42,435	32	4,741	45,982	17	4,945	47,912	25	4,974	47,696	25	4,843
25 - 64	272,585	121	29,209	260,993	125	27,906	277,220	118	28,444	295,259	120	29,413	290,978	122	30,026
65 +	38,777	70	4,699	39,393	72	4,728	42,493	89	5,036	45,508	70	5,134	46,655	62	5,476
Unknown	734	0	14	772	0	14	827	0	22	888	0	24	1,203	0	10
Total	410,847	247	44,451	397,038	254	43,109	420,999	253	44,065	442,686	234	44,766	441,207	241	46,056

Note: Seatbelt Used includes shoulder belt only used, lap belt only used, both lap and shoulder belts used, and restraint failure.





In 2015, there were 9,537 alcohol-involved crashes in Michigan:

- 271 K - Fatal Crashes
- 702 A - Incapacitating Injury Crashes
- 1,332 B - Non-incapacitating Injury Crashes
- 1,663 C - Possible Injury Crashes
- 5,569 O - Property Damage Only/No Injury Crashes

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